

YOR920030627US1
Amendment dated 11/19/2008

10/758,530

00280765aa
Reply to office action mailed 08/19/2008

The following is a complete listing of all claims in the application, with an indication of the status of each:

Listing of claims:

1 1-28. (cancelled)

1 29. (previously presented) A computer implemented process for identifying
2 companies likely to outsource services, the computer performing comprising
3 the steps of:

4 importing from various data providers publicly available information
5 comprising SEC filings, executive management changes, corporate mergers
6 and acquisitions, and holding in a single data base the imported data for all
7 companies including Positive Examples, Negative Examples and Candidate
8 Examples including thousands of Candidate Examples, where Positive
9 Examples are companies that have signed an outsourcing contract on a
10 specific recent date, Negative Examples are companies clearly not interested
11 in outsourcing on a specific recent date, and Candidate Examples are potential
12 candidates for outsourcing;

13 reducing or extracting the publically available information held in the
14 database to obtain a set of metrics or features inputtable to a mathematical
15 model;

16 applying data mining techniques to the publicly available information,
17 and identifying Positive Examples each Positive Example being uniquely
18 defined by a name of a company that signed an outsourcing contract with any
19 provider of services to be outsourced and a date of signing of the contract; and
20 further identifying Negative Examples each Negative Example being uniquely

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defined by a name of a company unlikely to outsource said services and a date of a predisposition not to outsource;

constructing the mathematical model, including constructing the model to take as inputs the metrics or features for each Positive Example of outsourcing of said services and each Negative Example of a disposition not to outsource said services;

initially presenting all metrics or features to the model, followed by selecting a subset of metrics or features that are mathematically most likely to differentiate Positive Examples of outsourcing of said services and Negative Examples of a disposition not to outsource said services;

training the mathematical model with the Positive Examples and the Negative Examples;

categorizing each example as a Positive Example of outsourcing of said services, a Negative Example of a disposition not to outsource said services or a Candidate company, wherein a Candidate company is a candidate for outsourcing of said services;

for the categorized example, identifying a signal period, with the signal period being a time over which the metrics or features will be defined; with the signal period identification comprising:

specifying the signal periods for said Negative Examples;

specifying the signal periods for said Positive Examples;

including, for a company having both a Negative Example of a disposition not to outsource said services and a subsequent Positive Example of outsourcing of said services, introducing a Blackout Period so that a signal period for the Negative Example for the company having both Negative and subsequent Positive Examples exhibits no influence with regard to the subsequent Positive Example for the same company;

specifying the signal periods for Candidate examples;

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49 predicting a likelihood or propensity that each Candidate company
50 will enter into an outsourcing contract for said services at a current date;
51 as to the predicted likelihood or propensities, ranking the Candidate
52 companies and outputting a target list in which the Candidate companies are
53 ranked.